



Oct-26-04 08:16am From-MOTOROLA

18475763750

T-087 P.002/002 F-109

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Complete and send this form, together with applicable fee(s), to: Mail

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22917 7590 10/18/2004

MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Nanette Orr	(Depositor's name)
<i>Nanette Orr</i>	(Signature)
October 26, 2004	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/637,121	08/08/2003	Louis Yizhong Liu	ISO1220AP	3815

TITLE OF INVENTION: MISFIRE DETECTION IN AN INTERNAL COMBUSTION ENGINE 10/26/2004 SZEWDIE2 00000078 502117 10637121

01 FC:1501 1370.00 DA  
02 FC:1504 300.00 DA

APPN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/18/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOANG, JOHNNY H	3747	701-111000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev. 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Brian M. Mancini

2 \_\_\_\_\_  
3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

Motorola, Inc.

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Schaumburg, IL

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

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 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature *Brian M. Mancini*

Date 10-26-2004

Typed or printed name Brian M. Mancini

Registration No. 39,288

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Number of Pages (including this page)

Date: October 26, 2004  
To: Mail Stop Issue Fee  
Location: United States Patent and Trademark Office  
Fax No.: 703-746-4000  
From: Brian M. Mancini (Registration No. 39,288)  
Subject: Serial No. 10/637,121 - Liu et al.

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GROUP ART UNIT:	3747
SERIAL NO.:	10/637,121
FILED:	08/08/2003
INVENTOR:	Liu et al.
ATTORNEY DOCKET NO.:	IS01220AP